

AMENDMENTS TO THE CLAIMS:

This listing of the claims will replace all prior listings and versions of claims in the application:

1-109 (canceled)

110. (currently amended) ~~The kit of Claim 109,~~ A kit, comprising:
a) a cleavage means; and
b) a first oligonucleotide comprising a duplex region adjacent to a single-stranded 3' arm, wherein said first oligonucleotide comprises a fluorophore having quenched emission.

111. (currently amended) ~~The kit of Claim 109~~ 110, wherein said cleavage means comprises an enzyme.

112. (previously presented) The kit of Claim 111, wherein said enzyme comprises a DNA polymerase.

113. (previously presented) The kit of Claim 112 wherein said DNA polymerase comprises a thermostable DNA polymerase.

114. (previously presented) The kit of Claim 113, wherein said thermostable DNA polymerase is derived from an organism from genus *Thermus*.

115. (previously presented) The kit of Claim 111, wherein said enzyme comprises a 5' nuclease.

116. (canceled)

117. (currently amended) ~~The kit of Claim 109~~ 110, wherein said first oligonucleotide is less than 100 nucleotides long.

118. (currently amended) The kit of Claim ~~109~~ 110, wherein said first oligonucleotide is less than 50 nucleotides long.

119. (currently amended) The kit of Claim ~~109~~ 110, further comprising a second oligonucleotide.

120. (previously presented) The kit of Claim 119, wherein said second oligonucleotide comprises a region complementary to said single-stranded 3' arm of said first oligonucleotide.

121. (previously presented) The kit of Claim 119, further comprising a first nucleic acid molecule containing a portion complementary to at least a portion of said second oligonucleotide.

122. (previously presented) The kit of Claim 121, further comprising a third oligonucleotide.

123. (previously presented) The kit of Claim 122, wherein said third oligonucleotide contains a portion complementary to at least a portion of said first nucleic acid molecule.